No.



200100074

THE UNITED STAVES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME;

Nioneer Hi-Bred International, Inc.

THETETS, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC EPIENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE SHIT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR STING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE PURPOSE, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PAY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

SOYBEAN

'94B23'

In Jestimonn Macrest, I have hereunto set my hand and caused the seal of the Hunt Unriety Hrstertion Office to be affixed at the City of Washington, D.C. this eighth day of May, in the year of our Lord two thousand one.

Allest.

Clark Post

Stiling Commissioner Plant Variety Protection Office Agricultural Marketing Service Mession

Agriculture

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(mstructions and information collec	sion burden statement on re-	verse)				
1. NAME OF OWNER Pioneer Hi-Bred International, Inc.				2. TEMPORARY DESIGNAT EXPERIMENTAL NAME	ION OR	2. VARIETY NAME 94B23
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country) 7300 N. W. 62 nd Avenue P. O. Box 1004 Johnston, IA 50131				5. TELEPHONE (include area code) 515~254~2638		FOR OFFICIAL USE ONLY PVPO NUMBER
domination, in 30131				6. FAX (include area code) 515-253-2288		200100074 FILING DATE
7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) 8. IF INCORPORAT STATE OF INCO I Owa			ED, GIVE RPORATION	9. DATE OF INCORPORA	ATION	January 25, 200
10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. (F Daria Schmidt, Ph.D. Jean Bromert (7300 NW 62 nd Ave. 7100 NW 62 nd Av P.O. Box 1004 P. O. Box 1000 Johnston, Iowa 50131-1004 Johnston, Iowa			copy) e.	receive all papers)		FILING AND EXAMINATION FEES: \$ 2705- BATE JAM. 25,2001 CERTIFICATION FEE: DATE 4-13-01
11. TELEPHONE (Include area code) 515-254-2638	12. FAX (Include area code) 515-253-2288	1	MANL Itdh@phibred	l.com	14. CRO Soybea	OP KIND (Common Name)
18. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse) a.		19. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? See Section 83(a) of the Plant Variety Protection Act) \[\begin{array}{cccccccccccccccccccccccccccccccccccc				
22. HAS THE VARIETY (INCLUDING ANY HA FROM THIS VARIETY BEEN SOLD, DISP OTHER COUNTRIES? YES IF YES, YOU MUST PROVIDE THE DATE FOR EACH COUNTRY AND THE CIRCUIT	OSED OF, TRANSFERRED, OR USE NO OF FIRST SALE, DISPOSITION, TR	ED IN THE U. S. OR	PROPERTY F YES IF YES, GIVE	RIGHT (PLANT BREEDER'S RIC	EHT OR PAT	NO E AND ASSIGNED
24. The owners declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate. The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Owner(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.						
SIGNATURE OF OWNER SIGNATURE OF OWNER SIGNATURE OF OWNER		SIGNATURE OF OWNER				
NAME (Please print or type) Daria H. Schmidt			NAME (Please print or type)			
CAPACITY OR TITLE Director, Associative Genetics/Technology Integra 37-470 (2-99) designed by the Plant Variety Pro		7-0 Replaces STD 470 /6	CAPACITY OR TI		urlians and i	DATE Information collection burden statement)

GENERAL: To be effectively filed with the Plant Variety Protection Office (PVPO), ALL of the following items must be received in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E; (3) for a seed reproduced variety at least 2,500 viable untreated seeds, for a hybrid variety at least 2,500 untreated seeds of each line necessary to reproduce the variety, or for tuber reproduced varieties verification that a viable (in the sense that it will reproduce an entire plant) tissue culture will be deposited and maintained in an approved public repository; (4) check drawn on a U.S. bank for \$2,705 (\$320 filing fee and \$2,385 examination fee), payable to "Treasurer of the United States" (See Section 97.6 of the Regulations and Rules of Practice.) Partial applications will be held in the PVPO for not more than 90 days, then returned to the applicant as unfiled. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 500, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. DO NOT use masking materials to make corrections. If a certificate is allowed, you will be requested to send a check payable to "Treasurer of the United States" in the amount of \$320 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

Plant Variety Protection Office Telephone: (301) 504-5518 FAX: (301) 504-5291

Homepage: http://www.ams.usda.gov/science/pvp.htm

ITEM

18a. Give:

- (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
- (2) the details of subsequent stages of selection and multiplication;
- (3) evidence of uniformity and stability; and
- (4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- 18b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:
 - (1) identify these varieties and state all differences objectively;
 - (2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and
 - (3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.
- 18c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- 18d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 18e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.
- 19. If "Yes" is specified (seed of this variety be sold by variety name only, as a class of certified seed), the applicant MAY NOT reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (See Regulations and Rules of Practice, Section 97.103).
- 21. See Section 83 of the Act for the Contents and Term of Plant Variety Protection:
- 22. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
- 23. See Section 5.5 of the Act for instructions on claiming the benefit of an earlier filing date.
- 21. CONTINUED FROM FRONT (Please provide a statement as to the limitation and sequence of generations that may be certified.)
- 22. CONTINUED FROM FRONT (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)
- 23. CONTINUED FROM FRONT (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)
- U.S. Patent 4,940,835 issued to Shah et al. as per the Roundup Ready Gene in this variety

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. There is no charge for filing a change of address. The fee for filing a change of ownership or assignment or any modification of owner's name is specified in Section 97.175 of the regulations. (See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)

To avoid conflict with other variety names in use, the applicant must check the variety names proposed by contacting: Seed Branch, AMS, USDA, Room 213, Building 306, Beltsville Agricultural Research Center--East, Beltsville, MD 20705. Telephone: (301) 504-8089.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this collection of information is (0581-0055). The time required to complete this information collection is estimated to average 1.4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact the USDA's TARGET Center at 202-720-2600 (voice and TDD). To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

S&T-470 (2-99) designed by the Plant Variety Protection Office with WordPerfect 6.0a. Replaces STD-470 (6-98) which is obsolete.

Exhibit A. Origin and Breeding History of the Variety

Soybean Variety 94B23

Variety 94B23 evolved from a 1995 cross of 93B82////9343<2///9362<2///9342//9341<2/A5403G40-3-2.

It is an F3-derived variety, which was advanced to the F3 generation by modified single-seed descent. The F4 progeny row of 94B23 was grown in the summer of 1996. Subsequently, 94B23 has undergone four years of extensive testing and purification and has been observed by the breeder to be uniform and stable for all plant traits from generation to generation, with no evidence of variants. On the basis of resistance to Roundup branded herbicides and SCN resistance, variety 94B23 was assigned a commercial number.

The purification block was grown during the summer of 1998 and 98 sublines were bulked for increase. Nine acres of 94B23 (breeders seed) were grown in the summer of 1999. 1,732 acres of parent seedstock (foundation seed equivalent) were grown in the summer of 2000 and approximately 77,940 bushels harvested.

Exhibit B. Statement of Distinctness

Soybean Variety 94B23

Variety 94B23 is most similar to variety 94B01. Both have tawny pubescence, yellow seeds with black hila, and are resistant to Roundup branded herbicides. However, 94B23 has purple flowers and 94B01 has white flowers.

Variety 94B23 is also similar to 94B22. Both have tawny pubescence and yellow seeds with black hila. However, 94B23 has purple flowers and is resistant to Roundup branded herbicides and 94B22 has white flowers and is susceptible to Roundup branded herbicides.

Variety 94B23 is also similar to 94B24. Both have tawny pubescence and yellow seeds with black hila. However, 94B23 has purple flowers, resistance to Roundup branded herbicides, and is susceptible to race 3 of *Phytophthora megasperma* var. sojae and 94B24 has white flowers, is susceptible to Roundup branded herbicides, and is resistant to race 3 of *Phytophthora megasperma* var. sojae. Addtionally, 94B24 contains the Als1 gene for tolerance to certain sulfonylurea herbicides while 94B23 does not contain the Als1 gene.

Variety 94B23 is also similar to varieties AG4301 and AG4501. All three have purple flowers, yellow seeds with black hila, tawny pubescence color, and are resistant to Roundup branded herbicides. However, AG4301 and AG4501 contain the Als1 gene for tolerance to certain sulfonylurea herbicides while 94B23 does not contain the Als1 gene.

20 Gorman Approved OMB No. 0581-0055

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To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY PLANT VARIETY PROTECTION OFFICE BELTSVILLE, MD 20705 EXHIBIT C (Soybean)

OBJECTIVE DESCRIPTION OF VARIETY SOYBEAN (Glycine max (L.) Merr.)

NAME OF API		ional Tax			FOR OFFICIAL USE ONLY
	Hi-Bred Internat				PVPO NUMBER
ADDRESS (Str.	eet and No. or R.F.D. No., Cl W. 62 nd Avenue	ty, State, and ZIP Code)			VARIETY NAME
P. O. Box					94B23
Johnston					
					TEMPORARY OR EXPERIMENTAL DESIGNATION
PLEASE RI	EAD ALL INSTRUCT	TIONS CAREFULLY: Plac	e the appropriate number	that describes the var	ietal character of this variety in the boxes
Place a zero	in the first box (e.g.—) when numb	er is either 99 or less o	or 9 or less respectively. Data for
quantitative	, "	9 9 9 or	0 9 , when hame	er is entirely of less o	y or less respectively. Data for
	*				r varieties entered in the same trial. Royal
		nized color standard may			em used:
		ur variety; lack of response	may delay progress of you	ur application.	
A. MORP	PHOLOGY				
Seed Shape		:			• •
seeu snape	5 .				
				< 1.2)	
3 = Elongate $4 = Elongate-Flattene$ $(L/T ratio > 1.2; T/W ratio < 1.2)$ $(L/T ratio > 1.2; T/W ratio$				1.2)	
Seed Coat	Color:				
1	1 = Yellow	2 = Green	3 = Brown	4 = Black	5 = Other (Please Specify)
Seed Coat I	Luster:				
1	1 = Dull	2 = Shiny			
Seed Size:					
COURTE OF THE PROPERTY OF THE					
1 4	grams/100 s	eeds	•		
Hilum Color:					
6	1 = Buff 6 = Black	2 = Yellow 7 = Other (<i>Pleas</i>	3 = Brown se Specify)	4 = Gray	5 = Imperfect Black

Cotyledon Color:

$$\boxed{1} \quad 1 = \text{Yellow} \qquad 2 = \text{Green}$$

Seed Protein Peroxidase Activity:

$$\boxed{2} \quad 1 = \text{Low} \qquad 2 = \text{High}$$

Hypocotyl Color:

Leaflet Shape:

Flower Color:

2 | 1 = White
$$2 = Purple$$
 3 = White with a Purple Throat

Pod Color:

$$\boxed{1 \quad 1 = \text{Tan} \quad 2 = \text{Brown} \quad 3 = \text{Black}}$$

Pubescence Color:

$$\boxed{2} \quad 1 = \text{Gray} \qquad \qquad 2 = \text{Brown (Tawny)} \qquad 3 = \text{Light Tawny}$$

Plant Habit:

Maturity Group:

Maturity Subgroup:

Bacterial

B. DISEASE REACTION

Wildfire Blight (*Pseudomonas syringae* pv. tabaci (Wolf & Foster) Young, Dye, & Wilkie)

B. DISEASE REACTIONS (Continued)	0 = Not Tested	1 = Susceptible	200100073 $2 = Resistant 3 = Tolerant$				
Fungal							
Brown Spot (Septoria glycines Hen	nmi)						
Frogeye Leaf Spot (Cercospora soj	ina Hara)						
0 race 1 0	race 2	0 race 3	0 race 4				
0 race 5	race 6	0 Other	(Please Specify)				
Target Spot (Corynespora cassiicola (Berk. & Curt.) Wei)							
Downey Mildew (Peronospora trifo	liorum var. manchuri	ca (Naum.) Syd. ex (Gäum)				
Powdery Mildew (Microsphaera dij	fusa Cke. & Pk.)						
0 Brown Stem Rot (Phialophora greg	ata (Allington & Chan	nberlain) W. Gams.)					
O Stem Canker (Diaporthe phaseolorum (Cke. & Ell.) Sacc. var. caulivora Athow & Caldwell)							
Pod and Stem Blight (Diaporthe ph	aseolorum (Cke. & Ell	l.) Sacc. var. <i>sojae</i> (L	ehman) Wehm.)				
Purple Seed Stain (Cercospora kikuchii (T. Matsu. & Tomoyasu) Gardener)							
1 Rhizoctonia Root Rot (Rhizoctonia solani Kühn)							
Phytophthora Root Rot (Phytophthora mega	sperma Drechs. f. sp.	glycinea (Kuan & Er	win))				
1 race 1 0 race 8	0 race 15	0 race 22	•				
0 race 2 0 race 9		0 race 23	·				
1 race 3 0 race 10	0 race 17	0 race 24					
0 race 4 0 race 11	0 race 18	0 race 25					
1 race 5 0 race 12	0 race 19	0 race 26					
0 race 6 0 race 13	0 race 20	Other (Please S	pecify)				
0 race 7 0 race 14	0 race 21						
Bud Blight (Tobacco Ringspot Virus	s)						
1 Yellow Mosaic (Bean Yellow Mosaic	: Virus)						

B. DISEASE REACTIONS (Continued)	0 = Not Tested	1 = Susceptible		$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	
Cowpea Mosaic (Cowpea Chlorotic	Virus)				
Pod Mottle (Bean Pod Mottle Virus)				
Seed Mottle (Soybean Mosaic Virus)				
Nematode					
Soybean Cyst Nematode (Heterodera glycines	s Ichinohe)				
0 race 1 0 race 4	0 race	9			
0 race 2 0 race 5	3 race	14			
2 race 3 0 race 6	0 Othe	er (Please Specify)			
0 Lance Nematode (Hoplolaimus colum	nbus Sher)				
0 Southern Root Knot Nematode (Mel	oidogyne incognita	(Kofoid & White) Ch	itwood)		
0 Northern Root Knot Nematode (Mel	<i>loidogyne hapla</i> Chi	itwood)			
Peanut Root Knot Nematode (Meloid	logyne arenaria (Ne	eal) Chitwood)			
0 Reniform Nematode (Rotylenchus ren	niformus Linwood	& Olivera)			
Javanese Nematode (Meloidogyne javanica (Treub) Chitwood)					
Other Nematode (Please Specify)					
C. PHYSIOLOGICAL RESPONSES	0 = Not Tested	1 = Susceptible	2 = Resistant	3 = Tolerant	
1 Iron Chlorosis on Calcareous Soil					
0 Phosphorus	0 Other	r (Please Specify)			
0 Boron					
0 Aluminum					
0 Salt		÷			
0 Drought					

D. II	NSECT REACTIONS	0 = Not Tested	1 = Susceptible	2 = Resistant	3 = Tolerant
0	Mexican Bean Beetle (<i>Epilachna v</i>				Totalia
0	Potato Leaf Hopper (Empoasca fa	bae (Harris))			
0	Other (Please Specify)				
Е. Н	ERBICIDE REACTIONS	0 = Not Tested	1 = Susceptible	2 = Resistant	
2	Metribuzin				
0	Bentazone				
1	Sulfonylurea				
2	Glyphosate		•		
0	Glufosinate				
0	Pendimethalin				
0	Other (Please Specify)				
F. TR	ANSGENIC COMPOSITION				
or, the	development of the subject variety removal of genetic material from the please complete the following inform	e application variety?		[other than a soybean
1. Ple	ase state the vector's name:				
2. Ple	ase state the vector components:				•
3. Ple	ase describe the genetic material suc	cessfully transferred i	nto the subject variet	ty:	
4. Ple	ase describe the insertion protocol:				
*A liter "Transg	ature citation(s) explaining the four genic Composition portion of this fo	information requests orm.	above may be an acc	eptable alternativ	e to completion of the
This sec	tion is fully address in the following puzzed in Figure 1 and Table 1 on page 1	ublication. Specific det 453.	ails of the vector comp	onents and insert e	elements are
Padgette 35:1451	, S.R. et al. Development, Identification -1461	on, and Characterization	n of a Glyphosate-Tole	rant Soybean Line.	1995. Crop Science.
·					WAS a

G. BIOCHEMICAL MARKERS

20010007/

Please describe any biochemical information here, which you believe will be helpful in further describing the subject variety (e.g. Simple Sequence Repeats, Restriction Fragment Length Polymorphisms, Isozymic Characterization). Use additional pages if necessary.

H. COMMENTS

Exhibit D. Additional Description of the Variety

Soybean Variety 94B23

In Exhibit C we have identified variety 94B23 as susceptible to bacterial blight, brown spot, pod and stem blight, rhizoctonia root rot, bud blight, yellow mosaic, cowpea mosaic, pod mottle and seed mottle.

This does not mean that variety 94B23 is any worse for these problems than other varieties of similar maturity. Rather, we do not consider 94B23 to be immune to these problems. Therefore, we have chosen to be conservative and have identified the line as "susceptible".

Variety 94B23 is an early Group IV variety. If Group IV varieties are divided into tenths, the relative maturity of 94B23 is 4.2.

REPRODUCE LOCALLY. Include form number and edition date on all		ORM APPROVED - OMB No. 0581-0055			
U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE	The following statements are made in 1974 (5 U.S.C. 552a) and the Paper I				
EXHIBIT E STATEMENT OF THE BASIS OF OWNERSHIP	Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). The information is held confidential until the certificate is issued (7 U.S.C. 2426).				
1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION	2. VARIETY NAME			
Pioneer Hi-Bred International, Inc.	OR EXPERIMENTAL NUMBER	94B23			
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country)	5. TELEPHONE (Include area code)	6. FAX (include area code)			
7300 NW 62 nd Avenue	515-254-2638	515-253-2288			
P. O. Box 1004 Johnston, IA 50131-1004					
Johnston, 14 30131-1004	7. PVPO NUMBER				
	2001000	7 ;			
8. Does the applicant own all rights to the variety? Mark an "X" in the	e appropriate block.				
If no, please explain.		X YES NO			
9. Is the applicant (individual or company) a U.S. National or a U.S. b	pased company?				
If no, give name of country		X YES NO			
10. Is the applicant the original owner?	If no, please answer one of the follow	owing:			
X YES NO					
a. If the original rights to variety were owned by individual(s), is (a	are) the original owner(s) a U.S. Nationa	l(s)?			
YES NO If no, give name of country	y				
	•				
 b. If the original rights to variety were owned by a company(ies), 	is (are) the original owner(s) a U.S. bas	ed company?			
YES NO If no, give name of country	y				
11. Additional explanation on ownership (If needed, use the reverse for	or extra space):				
	, ,				
Please Note:					
Plant variety protection can only be afforded to the owners (not license	ees) who meet the following criteria:				
If the rights to the variety are owned by the original breeder, that penational of a country which affords similar protection to nationals of	erson must be a U.S. national, national of the U.S. for the same genus and specie	f a UPOV member country, or			
If the rights to the variety are owned by the company which employs nationals of a UPOV member country, or owned by nationals of a country.	ed the original breeder(s), the company	must be U.S. based, owned by			
genus and species.					
3. If the applicant is an owner who is not the original owner, both the o					
The original breeder/owner may be the individual or company who dire Act for definitions.	ected the final breeding. See Section 4	I(a)(2) ot the Plant Variety Protection			
According to the Paperwork Reduction Act of 1995, no persons are required to respond to a c for this information collection is 0581-0055. The time required to complete this information co instructions, searching existing data sources, gathering and maintaining the data needed, and	illection is estimated to average 6 minutes per respon	ise, including the time for reviewing the			
The U.S. Department of Agriculture (USDA) prohibits discrimination in its programs on the ba status. (Not all prohibited bases apply to all programs). Persons with disabilities who require contact the USDA's TARGET Center at 202-720-2600 (voice and TDD).	asis of race, color, national origin, sex, religion, age, c alternative means for communication of program info	lisability, political beliefs, and marital or familial mation (braille, large print, audiotape, etc.) should			
To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washin opportunity employer.					
STD-470-E (07-97) (Destroy previous editions). Electronic version design	gned using WordPerfect InForms by US	DA-AMS-IMB.			